

JUL 29 2003
PATENT & TRADEMARK OFFICE

APPLICATION NO.
09/632,857

FILING DATE
August 4, 2000

GROUP
2664

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
C-G-S	AE49	6,421,534 B1	07/2002	Cook <i>et al.</i>			08/18/1999
↓	AF49	6,330,244 B1	12/2001	Swartz <i>et al.</i>			01/16/1998
	AG49	4,384,357	05/1983	deBuda <i>et al.</i>			
	AH49	4,470,145	09/1984	Williams			
↓	AI49	5,600,680	02/1997	Mishima <i>et al.</i>			

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
C.S.S	AL19	EP 0 254 844 A2	02/1988	EP	H03D	7/00	N/A
C.g.s	AM19	EP 0 632 577 A1	01/1995	EP	H03D	7/16	N/A

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

RECEIVED

JUL 30 2003

Technology Center 2600

0.5.5	AO	<u>56</u>	Translation of Japanese Patent Publication No. 60-130203, 3 pages (July 11, 1985- Date of publication of application).
	AP	<u>56</u>	Razavi, B., "A 900-MHz/1.8-GHz CMOS Transmitter for Dual-Band Applications," <i>Symposium on VLSI Circuits Digest of Technical Papers</i> , IEEE, pp. 128-131 (1998).
	AQ	<u>56</u>	Ritter, G.M., "SDA, A New Solution for Transceivers," <i>16th European Microwave Conference</i> , Microwave Exhibitions and Publishers, pp. 729-733 (September 8, 1986).
	AR	<u>56</u>	DIALOG File 351 (Derwent WPI) English Language Patent Abstract for FR 2 669 787, 1 page (May 29, 1992- Date of publication of application).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

JUL 29 2003

Page 2 of 5

FORM PTO-1449

ATTY. DOCKET NO.
1744.0630002APPLICATION NO.
09/632,857APPLICANT
Sorrells et al.FILING DATE
August 4, 2000GROUP
2664

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
q.g.s	AA50	5,606,731	02/1997	Pace et al.			
	AB50	5,870,670	02/1999	Ripley et al.			
	AC50	6,314,279 B1	11/2001	Mohindra			06/29/1998
	AD50	5,633,815	05/1997	Young			
	AE50	3,246,084	04/1966	Kryter			
	AF50	3,702,440	11/1972	Moore			
	AG50	3,767,984	10/1973	Shinoda et al.			
	AH50	3,852,530	12/1974	Shen			
	AI50	4,220,977	09/1980	Yamanaka			

RECEIVED

JUL 30 2003

Technology Center 2600

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
C.G.S	AJ20	JP 60-130203	07/1985	JP	H03D	7/00	Yes (Doc. AO56)
	AK20	DE 196 27 640 A1	01/1997	DE	H03D	7/12	No
	AL20	EP 0 087 336 A1	08/1983	EP	H03D	7/12	No
	AM20	EP 0 087 336 B1	07/1986	EP	H03D	7/12	No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

C.G.S	AN	57	Akos, D.M. et al., "Direct Bandpass Sampling of Multiple Distinct RF Signals," <i>IEEE Transactions on Communications</i> , IEEE, Vol. 47, No. 7, pp. 983-988 (July 1999).
	AO	57	Patel, M. et al., "Bandpass Sampling for Software Radio Receivers, and the Effect of Oversampling on Aperture Jitter," <i>VTC 2002</i> , IEEE, pp. 1901-1905 (2002).
	AP	57	English-language Abstract of Japanese Patent Publication No. 61-030821, 1 Page (February 13, 1986- Date of publication of application).
	AQ	57	English-language Abstract of Japanese Patent Publication No. 05-327356, 1 Page (December 10, 1993 - Date of publication of application).
	AR	57	Taylor, D., "A Low-noise, High-performance Zero IF Quadrature Detector/Preamplifier," <i>RF Design</i> , Primedia Business Magazines & Media, Inc., pp. 58, 60, 62 and 69 (March 2003).

EXAMINER

DATE CONSIDERED

9/1/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

::ODMA\HODMA\SKGF_DC1;155353;1

JUL 29 2003

Page 3 of 5

FORM PTO-1449

ATTY. DOCKET NO.
1744.0630002APPLICATION NO.
09/632,857APPLICANT
Sorrells et al.FILING DATE
August 4, 2000GROUP
2664

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
C.S.	AA51	5,016,242	05/1991	Tang			
	AB51	5,937,013	08/1999	Lam et al.			
	AC51	6,014,551	01/2000	Pesola et al.			
	AD51	6,073,001	06/2000	Sokoler			
	AE51	6,085,073	07/2000	Palermo et al.			
	AF51	6,400,963 B1	06/2002	Glöckler et al.			05/21/1999
	AG51	6,230,000 B1	05/2001	Taylor			10/15/1998
	AH51	5,483,695	01/1996	Pardoen			
	AI51	6,542,722 B1	04/2003	Sorrells et al.			04/16/1999

RECEIVED
JUL 30 2003
Technology Center 2600

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
C.S.	AJ21	EP 0 789 449 A2&A3	08/1997	EP	H03D	7/12	N/A
	AK21	FR 2 669 787 A1	05/1992	FR	H03D	7/14	No
	AL21	GB 2 324 919 A	11/1998	GB	H03D	7/18	N/A
	AM21	JP 61-30821	02/1986	JP	H04B	1/10	No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

C.S.	AN	58	Dines, J.A.B., "Smart Pixel Optoelectronic Receiver Based on a Charge Sensitive Amplifier Design," <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , IEEE, Vol. 2, No. 1, pp. 117-120 (April 1996).
	AO	58	Simoni, A. et al., "A Digital Camera for Machine Vision," <i>20th International Conference on Industrial Electronics, Control and Instrumentation</i> , IEEE, pp. 879-883 (September 1994).
	AP	58	Stewart, R.W. and Pfann, E., "Oversampling and sigma-delta strategies for data conversion," <i>Electronics & Communication Engineering Journal</i> , IEEE, pp. 37-47 (February 1998).
	AQ	58	Rudell, J.C. et al., "A 1.9-GHz Wide-Band IF Double Conversion CMOS Receiver for Cordless Telephone Applications," <i>IEEE Journal of Solid-State Circuits</i> , IEEE, Vol. 32, No. 12, pp. 2071-2088 (December 1997).

EXAMINER

DATE CONSIDERED

9/1/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

::ODMA\HODMA\SKGF_DC1;155353;1



FORM PTO-1449

ATTY. DOCKET NO.
1744.0630002APPLICATION NO.
09/632,857APPLICANT
Sorrells et al.FILING DATE
August 4, 2000GROUP
2664

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
0.55	AA52	6,560,301 B1	05/2003	Cook et al.			04/16/1999
	AB52	6,098,046	08/2000	Cooper et al.			06/29/1998
	AC52	5,410,326	04/1995	Goldstein			
	AD52	5,956,025	09/1999	Goulden et al.			
	AE52	6,127,941	10/2000	Van Ryzin			02/03/1998
	AF52	5,564,097	10/1996	Swanke			
	AG52	5,898,912	04/1999	Heck et al.			
	AH52	4,660,164	04/1987	Leibowitz			
	AI52	6,580,902 B1	06/2003	Sorrells et al.			04/16/1999

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
C.55	AJ22	JP 5-327356	12/1993	JP	H03D	7/00	No
	AK22	EP 0 643 477 A2 & A3	03/1995	EP	H03D	7/16	N/A
	AL22	EP 0 877 476 A1	11/1998	EP	H03D	7/16	N/A
	AM22	EP 0 977 351 A1	02/2000	EP	H03D	7/16	N/A

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

RECEIVED

JUL 30 2003

Technology Center 2600

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449

ATTY. DOCKET NO.
1744.0630002APPLICATION NO.
09/632,857APPLICANT
Sorrells et al.FILING DATE
August 4, 2000GROUP
2664

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
CSS	AA53	4,857,928	08/1989	Gailus et al.			
	AB53	5,389,839	02/1995	Heck			
	AC53	5,471,665	11/1995	Pace et al.			
	AD53	6,327,313 B1	12/2001	Traylor et al.			12/29/1999

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
CSS	AJ23	WO 00/31659 A1	06/2000	PCT			N/A

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

RECEIVED

JUL 30 2003

Technology Center 2600

EXAMINER

DATE CONSIDERED

7/1/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.